

(11) **EP 0 741 187 A2**(12) **EUROPEAN PATENT APPLICATION**(43) Date of publication:
06.11.1996 Bulletin 1996/45(51) Int. Cl.⁵: **C12N 15/12, C12N 15/62,**
C12N 1/21, C07K 14/47,
A61K 38/17, A61K 47/48
// (C12N1/21, C12R1:19)

(21) Application number: 96106408.6

(22) Date of filing: 24.04.1996

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE(30) Priority: 05.05.1995 US 435777
07.06.1995 US 484629(71) Applicant: **F. HOFFMANN-LA ROCHE AG**
4070 Basel (CH)(72) Inventors:

- Campfield, Arthur
Verona, N.J. 07044 (US)
- Devos, René
B-8400 Oostende (BE)
- Guisez, Yves
B-8200 St. Andries Brugge (BE)

(54) **Recombinant obese (Ob) proteins**

(57) Proteins which modulate body weight of animals and humans for the treatment, prevention and control of obesity and associated diseases or conditions, and the recombinant expression of these biologically active proteins in purified and homogeneous forms.

EP 0 741 187 A2

BEST AVAILABLE COPY